



# Department of the Navy Critical Infrastructure Protection

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# DON CIP Definition

**DON CIP is an enterprise-wide partnership of organizational entities that are essential for DON to *achieve effective protection of critical infrastructures*. The term infrastructure includes systems and assets that enable the DON to accomplish its *warfighting mission and core business processes*. DON CIP leverages efforts of DOD to develop integrated *physical/cyber and on/off-base infrastructure* protection strategies, in order to enhance the protection of DOD/DON mission essential infrastructures upon which the availability and readiness of our military forces depend.**



# DON CIP Background

## *Evolution of CIP*



May 98 – PDD-63  
Jan 00 - National Plan  
For Information  
Systems Protection  
Oct 01 - EO: CIP in the  
Information Age



Nov 98 - DOD CIP Plan  
CICA Council  
Implementation Staff  
Mar 00 - CIP Execution Plan

PDD-63 established a national goal to institute a comprehensive program to identify critical infrastructures, assess their vulnerability, and institute a method for mitigating the risk to those infrastructures.



Aug 99 - DON CICA  
DON CIP Council/WG  
May 01- Implementation Plan



# DON CIP Approach

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- DON CIP is an enterprise-wide **partnership of organizational entities** that are essential for DON to achieve effective protection of critical infrastructures.
  - Working close with **regional infrastructures in Naval concentration area.**
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# DON CIP Approach

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- **Other Federal Agencies**
    - FEMA, Coast Guard, FBI, CIA, etc
  - **State and Local Governments**
    - First Responders, International Terminals, etc
  - **Commercial Sectors**
    - Defense Industrial Base
      - » Reliance on Weapon Systems Manufacturer
      - » Logistics Support
    - Regional and Local infrastructures
      - » Water, Gas, Electric Power, Transportation, etc
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# DON CIP Method

## CIP Event Cycle

Analysis  
&  
Assessment

Remediation

Indications  
&  
Warning

Mitigation

Response

Reconstitution

**Module One**  
Analysis/Assessment &  
Vulnerability Mitigation

**Module Two**  
Consequence  
Management





# *Naval Integrated Vulnerability Assessment*





# CIP Naval Integrated Vulnerability Assessment – *An Evolutionary Process*

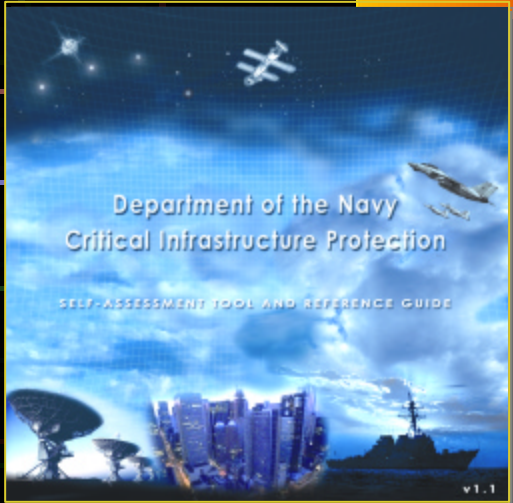
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- **Hampton Roads**
    - 1999: Focused on Commercial, State & Local Services to Regional Military Activities
    - Validated Concern That Commercial Vulnerabilities Could Impact Military Mission
  - **Pacific Northwest**
    - 2000: OSD-Sponsored Regional Assessment
    - Combined DOD & DON Assessment Teams
    - Validated Ability to Perform Consolidated IVA
  - **Southern California**
    - 2001: Initial DON CIP IVA Test
    - Naval Station, Naval Regional Medical Center, and External Look at Camp Pendleton
    - Combined CNO IVA, FIWC, JPO-STC
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# DON CIP Self Assessment Strategy



- **Self Assessment Checklist**
  - AT/FP Tool
  - Commercial
  - NCIS IVA
- **DTRA IA Module**
- **SANDIA – RAMPART AT Module**
- **Dept of State Risk Mgmt Tool**
- **Info. Assurance**
  - DTRA IA Module
  - FIWC
  - NIPC
  - FedCIRC
- **Joint Staff Pubs**
  - Tactics for Base Defense
  - NBC Defense
- **More**

**Self Assessment Tool – Version 1.1**



# Critical Infrastructure Protection

## Logistics Awareness: Reliance on the Industrial Base

### Operational Readiness and Mission Assurance

#### Manufacturing:

- Facilities
- Assembly
- Location

#### Transportation:

- Road
- Rail
- Water
- Air



#### Operational Support:

- Components
- International Suppliers

Clustering  
Globalization  
Single Site Support  
Single System Reliance



# Implementing the Strategy

## *Indications & Warning Plan*

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### ➤ Vision for I&W

- “Provide Coordinated I&W to Maximize *Full Dimensional Protection* and Minimize Potential Opportunities to Deny, Degrade, or Disrupt Infrastructures That Are Critical to DON Operations”

### ➤ Road Map 2002

- Identify & Review DON Capabilities/Current Infrastructure
- Develop DON Enterprise-Wide Process
- Provide Implementation I&W Business Plan/Model

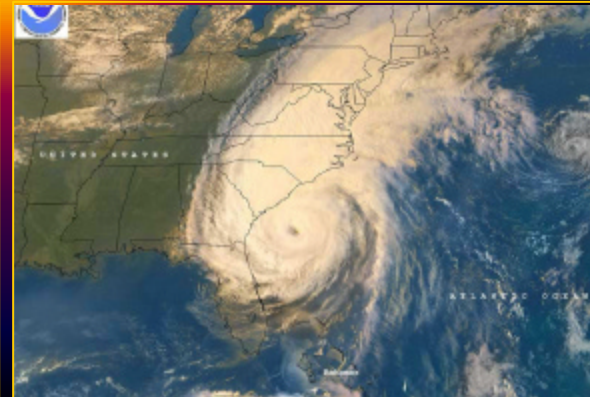
### ➤ Install Data Management System in NCIS Operations Center

- Operational by end of 2002
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# Consequence Management (CM)

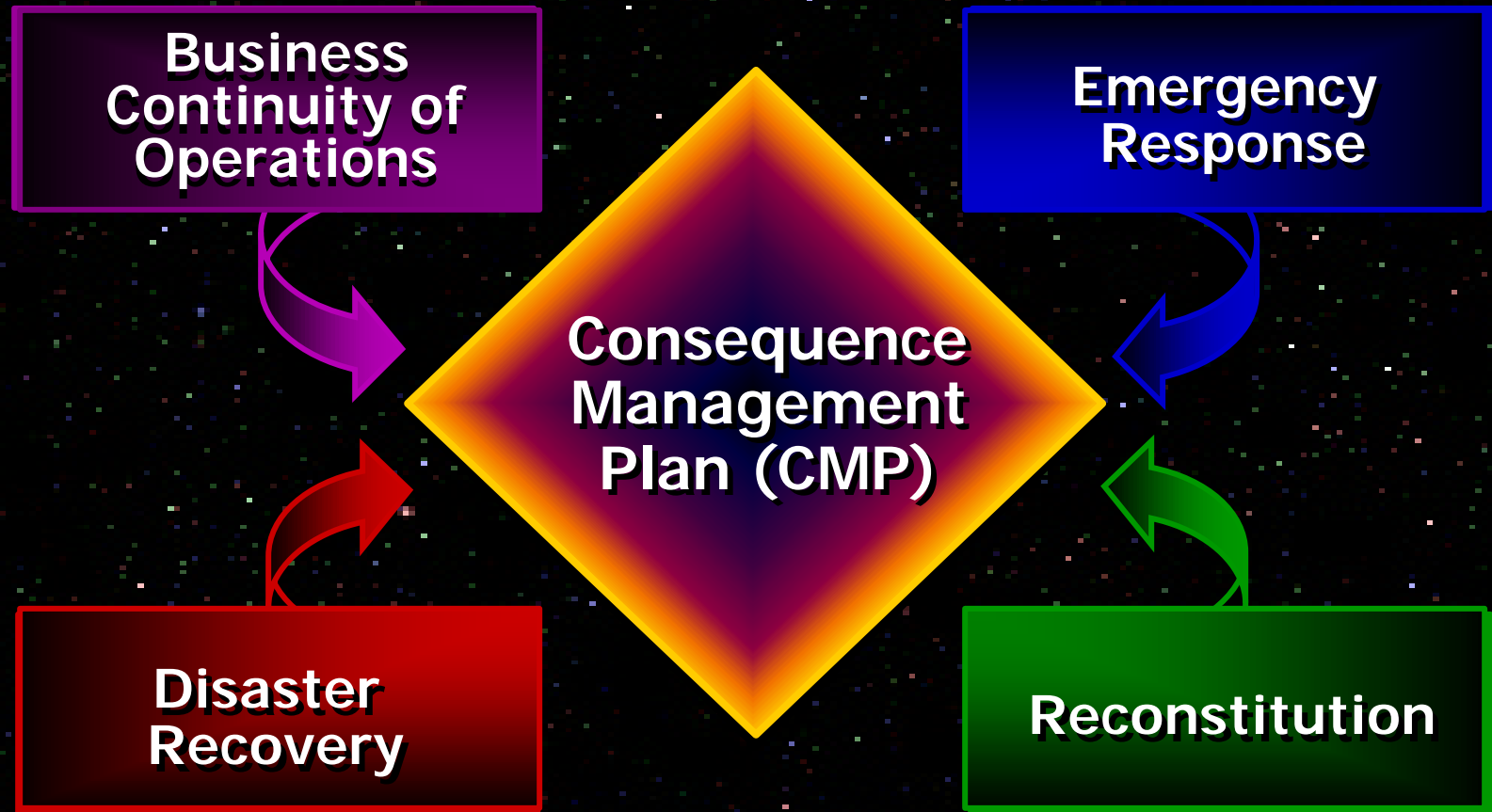
**The Ability to Continue Operations Throughout a  
*Wide Range* of Disaster Conditions**







# Integrated CM Methodology







# Summary

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- **Liaison with HLS, DoD, JCS, and other Services**
  - **Working with State and local governments in Navy concentration areas**
  - **Updating CIP Self-assessment tool**
  - **Conducting Integrated Vulnerability Assessment**
  - **Dependency Analysis of Defense Industrial Base**
  - **Education and Outreach**
  - **Developing COOP Template**
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